Damage Control Training and Testing

At Naval Reserve Center
Baltimore Maryland

Background

The Damage Control Trainer (DCT) and Damage Control Engineering Test Facility (DCETF), located at Naval Reserve Center , Baltimore (NRC) provide the U.S. Navy with an established, flexible, cost effective facility to; simulate and evaluate ship structure, equipment and procedures in multiple damage conditions. It is used to conduct exercises, perform testing of Damage Control (DC) equipment, and validate / develop new DC Tactical procedures

The DCT and DCETF provide realistic surface ship compartment mockups that are used to advance the education and training of Naval Reservists stationed at NRC Baltimore as well as

History of Damage Control at the NRC

DCETF Pre-construction site

Original DC trainer

Equipment Testing

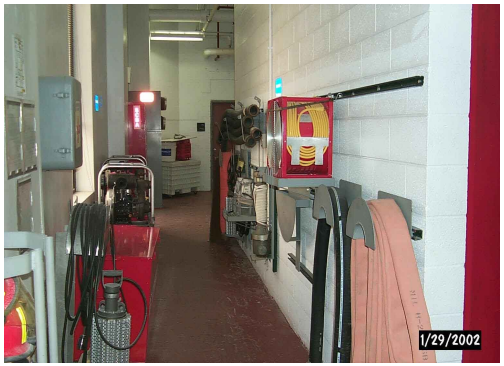
- SCBA Water Immersion
- Wireless Camera
- Personnel Locator & Tracking System
- Air Power Exhaust Blower
- P-100 Pump Test after USS Cole
- 115 Volt Submersible Pump
- Confined Space Rescue System
- Power Hawk Rescue System
- Magnet Bulkhead Sea Patch
- Educators / P-100 Pump Test
- K-Shoring with Power Hawk Ram

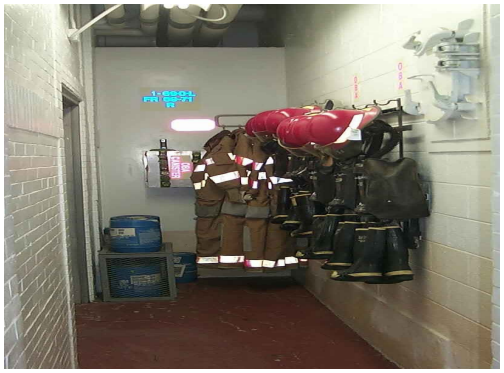
DCETF Capabilities

- Compartment Flooding Scenarios - Bulkhead / or pipe rupture
- Fire Simulator
- Confined Space Rescue
- Shoring- “I”, “K” or “H” Moving bulkhead
- DCAM Training
- AFSSS Display System - smoke, heat, door, flooding alarm system

NRC Damage Control Trainer

Damage Control Gear Stowage

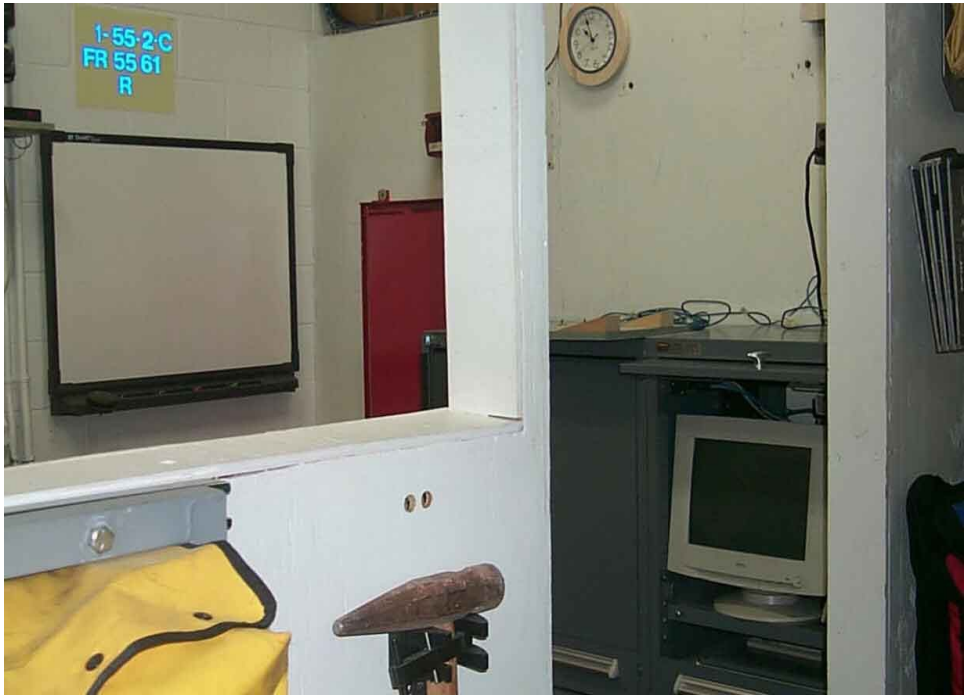




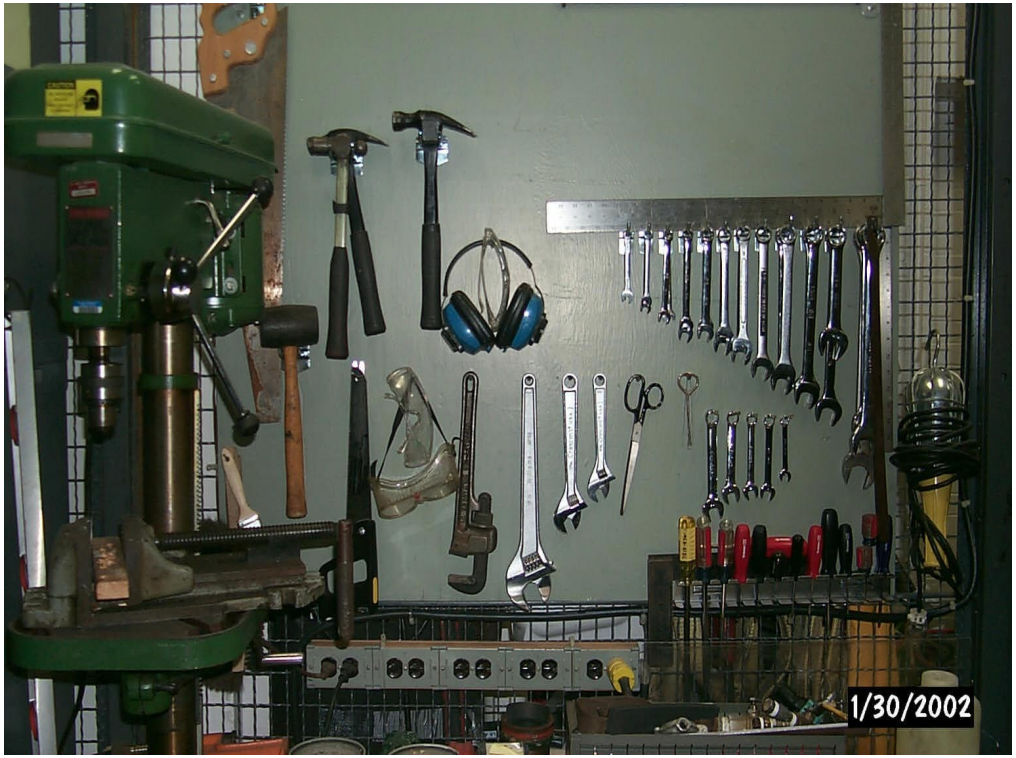
DC Trainer interior

Equipment Locker

Scenario Control Station



Tool Locker



Equipment Storage

NAVSEA Damage Control Engineering Technical Facility

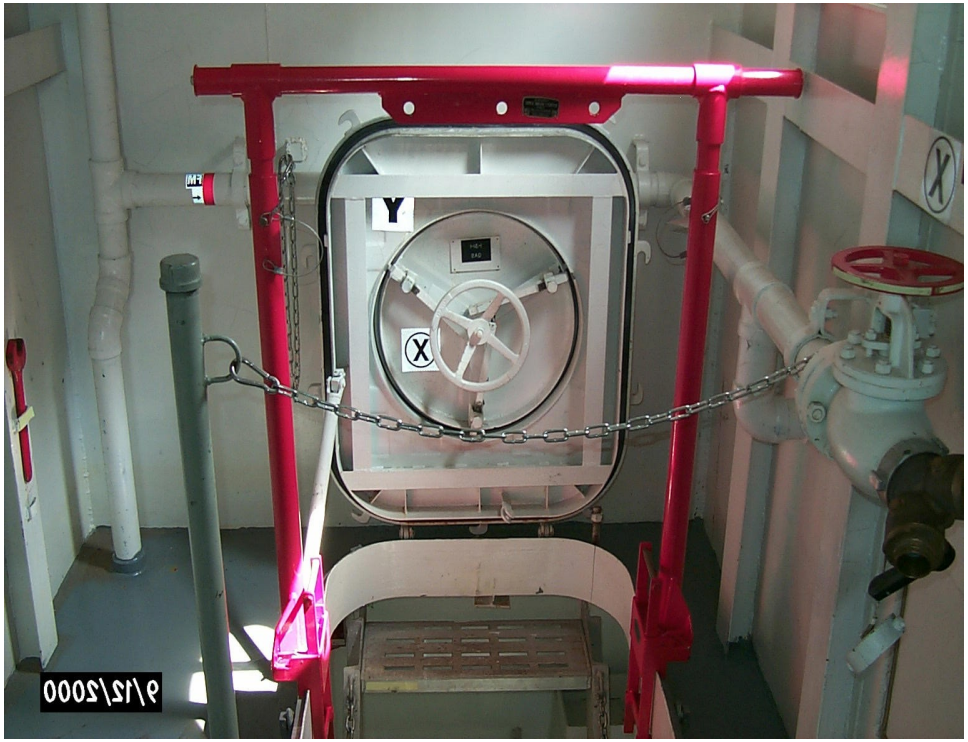
Split Seem damage simulation

Submerged SCBA Operation

Pipe Patching Drill

Desmoking

Scuttle between decks



P-100 Hard rubber hose discharg

Shoring drill